

GENERAL NOTES:

Details indicated hereon are for the installation of formed steel beam guardrail at overhead bridge piers in the median of a divided roadway.

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

Any modification of the layout shown for guardrail shall be at the direction of the Engineer.

Refer to appropriate Standard Road Plans for additional guardrail requirements. Refer to the detail project plans and Tabulation of Beam Guardrail Installations for details of the requirements for individual installations.

Contract items for guardrail construction are:

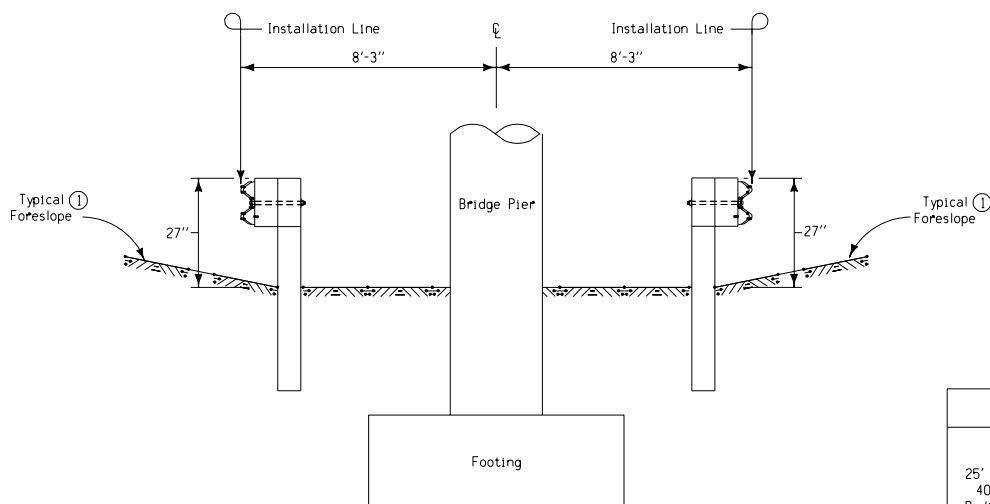
Installation of Guardrail

(Bid Item Length = $2A + 2T + 2H$)

Beam Guardrail End Anchorage (RE-53)

Price bid for contract items shall be considered full compensation for furnishing all necessary materials and installing guardrail as indicated hereon.

- ① Refer to Standard Road Plan RL-12 for specific foreslope grading details.
- ② Shop bend from new rail.
- (X) Is the distance along the installation line from the beginning of the curve to a post location.
- (Y) Is the offset from installation line to face of rail.



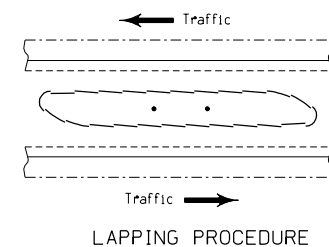
TYPICAL CROSS SECTION

CURVE OFFSETS (in feet)			
	Distance Along Curve	(X)	(Y)
25' at 40' Radius (2)	6.25	6.22	0.49
	12.50	12.30	1.94
	18.75	18.07	4.31
	25.00	23.40	7.56


Dimensions at each end of installation:

- (A) = 62.5'
- (T) = 50.0'
- (H) = Variable

For additional information see Standard Road Plan and Tabulations as follows:
RE-12A, RL-12, 107-23
and 108-8C



LAPPING PROCEDURE

 Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RE-56	
REVISION: Revised Name of Bid Item.	
REVISION NO. 7	
REVISION DATE 12-05-00	
APPROVED BY DESIGN METHODS ENGINEER <i>Mitchell J. Dillanor</i>	
GUARDRAIL INSTALLATIONS (MEDIAN OBSTACLE)	